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November 1997 **Proceedings of the 1997 conference of the Centre for A
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Publisher: IBM Press

Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstr](#)
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March 1992 **ACM Transactions on Database Systems (TODS)**, Volume

Publisher: ACM Press

Full text available:  [pdf\(5.23 MB\)](#) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


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September 2000 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 22 Issue 5

Publisher: ACM Press

Full text available:  [pdf\(1.59 MB\)](#) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


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 Betty Salzberg, Vassilis J. Tsotras
June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Publisher: ACM Press

Full text available:  [pdf \(529.53 KB\)](#) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

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◆ Jason Cong, Yuzheng Ding

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◆ Paul Suetens, Pascal Fua, Andrew J. Hanson

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Full text available:  pdf(6.37 MB) Additional Information: [full citation](#), [abstracts](#), [citations](#), [index terms](#)

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December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(5.20 MB\)](#) Additional Information: [full citation](#), [abstr](#)
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Keywords: image registration, image warping, rectification, template m

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December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

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Keywords: Computer graphics, medical imaging, surface rendering, three-dimensional imaging, volume rendering

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June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2

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11 A practical framework for demand-driven interprocedural data flow analysis

◆ Evelyn Duesterwald, Rajiv Gupta, Mary Lou Soffa

November 1997 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 19 Issue 6

Publisher: ACM Press

Full text available:  pdf (412.57 KB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

The high cost and growing importance of interprocedural data flow analysis has increased interest in demand-driven algorithms. In this article, we present a framework for developing demand-driven interprocedural data flow analysis. We describe our experience in evaluating the performance of this approach. A demand-driven information is modeled as a set of queries. The framework includes a general demand-driven algorithm that determines the response to query by iteration ...


Keywords: copy constant propagation, data flow analysis, def-use chain algorithms, distributive data flow frameworks, interprocedural data flow optimizations

12 Serverless network file systems

◆ Thomas E. Anderson, Michael D. Dahlin, Jeanna M. Neefe, David A. Patterson, Roselli, Randolph Y. Wang

February 1996 **ACM Transactions on Computer Systems (TOCS)**, Volume 14 Issue 1

Publisher: ACM Press

Full text available:  pdf(2.69 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)


We propose a new paradigm for network file system design: serverless network file systems. While traditional network file systems rely on a central server, our serverless system utilizes workstations cooperating as peers to provide all file services. Any machine in the system can store, cache, or control any block of data. Our approach uses this location independence, in combination with fast local access, to provide better performance and scalability than traditional network file systems.

Keywords: RAID, log cleaning, log structured, log-based striping, logging, data storage, scalable performance

13 Serverless network file systems


- ◆ T. E. Anderson, M. D. Dahlin, J. M. Neefe, D. A. Patterson, D. S. Roselli,
December 1995 **ACM SIGOPS Operating Systems Review**, **Proceeding**
ACM symposium on Operating systems principles SOS
29 Issue 5

Publisher: ACM Press

Full text available:  [pdf\(2.48 MB\)](#) Additional Information: [full citation](#), [refer](#)
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14 Texture-based visibility for efficient lighting simulation

- ◆ Cyril Soler, F. X. Sillion
October 2000 **ACM Transactions on Graphics (TOG)**, Volume 19 Issue
Publisher: ACM Press


Full text available:  [pdf\(1.71 MB\)](#) Additional Information: [full citation](#), [abstr](#)
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Keywords: convolution, global illumination, hierarchical radiosity, textu
visibility

15 Texture mapping 3D models of real-world scenes

- ◆ Frederick M. Weinhaus, Venkat Devarajan
December 1997 **ACM Computing Surveys (CSUR)**, Volume 29 Issue 4
Publisher: ACM Press

Full text available:  [pdf\(1.98 MB\)](#) Additional Information: [full citation](#), [abstr](#)
[index terms](#), [revie](#)

Texture mapping has become a popular tool in the computer graphics inc
few years because it is an easy way to achieve a high degree of realism in
generated imagery with very little effort. Over the last decade, texture-m

have advanced to the point where it is possible to generate real-time perspective simulations of real-world areas by texture mapping every object surface with photographic images of these real-world areas. The technique ...

Keywords: anti-aliasing, height field, homogeneous coordinates, image transformation, image warping, multiresolution data, perspective projection, tracing, real-time scene generation, rectification, registration, texture mapping, simulators, voxels

16 Evaluation of an algorithm for finding a match of a distorted texture pattern in an image database



N. Vujovic, D. Brzakovic

January 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Number 1

Publisher: ACM Press

Full text available: [pdf](#) (499.06 KB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

Evaluation of an algorithm for finding a match for a random texture pattern in an image database is presented. The algorithm was designed assuming that the pattern may be subject to misregistration relative to its representation in the database, assuming that it may have missing parts. The potential applications involve the detection of legal documents, bank notes, or credit cards, where thin fibers are embedded into the document medium during medium fabrication. The ...

Keywords: image database, image matching, misregistration, presentation, random pattern

17 Distributed file systems: concepts and examples



Eliezer Levy, Abraham Silberschatz

December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4

Publisher: ACM Press

Full text available: [pdf](#) (5.33 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

The purpose of a distributed file system (DFS) is to allow users of physical computers to share data and storage resources by using a common file system. A configuration for a DFS is a collection of workstations and mainframes connected by a network.


local area network (LAN). A DFS is implemented as part of the operation of the connected computers. This paper establishes a viewpoint that emphasizes dispersed structure and decentralization of both data and control ...

18 Improving the performance of log-structured file systems with adaptive mechanisms

◆ Jeanna Neefe Matthews, Drew Roselli, Adam M. Costello, Randolph Y. W. Anderson

October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the ACM symposium on Operating systems principles SOSP**
Issue 5

Publisher: ACM Press


Full text available:  pdf(2.18 MB) Additional Information: [full citation](#), [references](#), [index terms](#)

19 Practicing JUDO: Java under dynamic optimizations

◆ Michał Cierniak, Guei-Yuan Lueh, James M. Stichnoth

May 2000 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN conference on Programming language design and implementation**
Volume 35 Issue 5

Publisher: ACM Press


Full text available:  pdf (190.06 KB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

A high-performance implementation of a Java Virtual Machine (JVM) contains an implementation of Just-In-Time (JIT) compilation, exception handling, garbage collection mechanism, and garbage collection (GC). These components are tightly integrated to achieve high performance. In this paper, we present some static and dynamic optimizations implemented in the JIT compilation and exception handling of the Micro Research Lab Virtual Machine (MRL VM), ...

20 Sharing and protection in a single-address-space operating system

◆ Jeffrey S. Chase, Henry M. Levy, Michael J. Feeley, Edward D. Lazowska
November 1994 **ACM Transactions on Computer Systems (TOCS)**, Volume 13

Publisher: ACM Press

Full text available:  pdf(2.87 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

This article explores memory sharing and protection support in Opal, a space operating system designed for wide-address (64-bit) architectures. execute within protection domains in a single shared virtual address space simplified, because addresses are context independent. There is no loss because addressability and access are independent; the right to access is determined by the protection domain in which a thread executes. T ...




Keywords: 64-bit architectures, capability-based systems, microkernel c object-oriented database systems, persistent storage, protection, single-address operating systems, wide-address architectures

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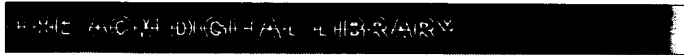
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June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Publisher: ACM Press

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6 Combinational logic synthesis for LUT based field programmable gate arrays



Jason Cong, Yuzheng Ding

April 1996 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 1 Issue 2

Publisher: ACM Press

Full text available: [pdf \(628.91 KB\)](#) Additional Information: [full citation](#), [abstracts](#), [citations](#), [index term](#)

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8 Technique for automatically correcting words in text

◆ Karen Kukich

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

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Research aimed at correcting words in text has focused on three progressively more difficult problems: (1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent word correction. In response to the first problem, efficient word matching and n-gram analysis techniques have been developed for detecting words that do not appear in a given word list. In response to the second problem, a variety of word correction techniques have been developed, including rule-based, statistical, and application-specific spelling correction.

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9 Three-dimensional medical imaging: algorithms and computer systems



M. R. Stytz, G. Frieder, O. Frieder

December 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 4

Publisher: ACM Press

Full text available: [pdf\(7.38 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

Keywords: Computer graphics, medical imaging, surface rendering, three-dimensional imaging, volume rendering

10 VLSI cell placement techniques



K. Shahookar, P. Mazumder

June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2

Publisher: ACM Press

Full text available: [pdf\(5.28 MB\)](#) Additional Information: [full citation](#), [abstracts](#), [citations](#), [index terms](#)

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11 A practical framework for demand-driven interprocedural data flow analysis

◆ Evelyn Duesterwald, Rajiv Gupta, Mary Lou Soffa

November 1997 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 19 Issue 6

Publisher: ACM Press

Full text available:  pdf
(412.57 KB)

Additional Information: [full citation](#), [abstracts](#), [citations](#), [index terms](#)

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12 Texture-based visibility for efficient lighting simulation

◆ Cyril Soler, F. X. Sillion

October 2000 **ACM Transactions on Graphics (TOG)**, Volume 19 Issue 5

Publisher: ACM Press

Full text available:  pdf(1.71 MB)


Additional Information: [full citation](#), [abstracts](#), [citations](#), [index terms](#)

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Keywords: convolution, global illumination, hierarchical radiosity, texture visibility

13 The well-founded semantics for general logic programs


- ◆ Allen Van Gelder, Kenneth A. Ross, John S. Schlipf
July 1991 **Journal of the ACM (JACM)**, Volume 38 Issue 3
Publisher: ACM Press

Full text available:  pdf(2.10 MB) Additional Information: [full citation](#), [refer](#)
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Keywords: fixpoints, negation as failure, stable models, three-valued log
sets, well-founded models

14 Distributed file systems: concepts and examples


- ◆ Eliezer Levy, Abraham Silberschatz
December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4
Publisher: ACM Press

Full text available:  pdf(5.33 MB) Additional Information: [full citation](#), [abstr](#)
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15 An adaptive mesh-moving and local refinement method for time-dependen
differential equations

- ◆ David C. Arney, Joseph E. Flaherty
March 1990 **ACM Transactions on Mathematical Software (TOMS)**, V
Publisher: ACM Press

Full text available:  pdf(1.74 MB) Additional Information: [full citation](#), [abstr](#)
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We discuss mesh-moving, static mesh-regeneration, and local mesh-refin
that can be used with a finite difference or finite element scheme to solve
value problems for vector systems of time-dependent partial differential
space dimensions and time. A coarse base mesh of quadrilateral cells is r
algebraic mesh-movement function so as to follow and isolate spatially c


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16 Improving the performance of log-structured file systems with adaptive me

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October 1997 **ACM SIGOPS Operating Systems Review , Proceedings**
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Publisher: ACM Press

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17 Serverless network file systems

◆ T. E. Anderson, M. D. Dahlin, J. M. Neeffe, D. A. Patterson, D. S. Roselli,
December 1995 **ACM SIGOPS Operating Systems Review , Proceeding**
ACM symposium on Operating systems principles SOS
29 Issue 5

Publisher: ACM Press


Full text available:  [pdf\(2.48 MB\)](#) Additional Information: [full citation](#), [refer](#)
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18 Hierarchical triangulation for multiresolution surface description

◆ Leila De Floriani, Enrico Puppo

October 1995 **ACM Transactions on Graphics (TOG)**, Volume 14 Issue

Publisher: ACM Press


Full text available:  [pdf\(3.89 MB\)](#) Additional Information: [full citation](#), [abstr](#)
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A new hierarchical triangle-based model for representing surfaces over s
proposed, which is based on the subdivision of the surface domain into n
triangulations, called a hierarchical triangulation (HT). The model allow
spatial data and representation of a surface at successively finer degrees
HT is a collection of triangulations organized in a tree, where each node,
root, is a triangulation refining a face ...

Keywords: hierarchical subdivision, multiresolution surface model, terrain triangulation


- 19 Object-oriented concurrent reflective languages can be implemented efficiently
◆ Hidehiko Masuhara, Satoshi Matsuoka, Takuo Watanabe, Akinori Yonezawa
October 1992 **ACM SIGPLAN Notices , conference proceedings on Object-oriented programming systems, languages, and applications OOPSLA**
27 Issue 10

Publisher: ACM Press

Full text available:  pdf(2.31 MB) Additional Information: [full citation](#), [references](#), [index terms](#)

- 20 Hot cold optimization of large Windows/NT applications
Robert Cohn, P. Geoffrey Lowney
December 1996 **Proceedings of the 29th annual ACM/IEEE international symposium on Microarchitecture**

Publisher: IEEE Computer Society

Full text available:  pdf(1.14 MB) Additional Information: [full citation](#), [abstracts](#), [index terms](#)

A dynamic instruction trace often contains many unnecessary instructions that are only by the unexecuted portion of the program. Hot-cold optimization (HCO) is a technique that realizes this performance opportunity. HCO uses profile information to partition each routine into frequently executed (hot) and infrequently executed (cold) parts. Unnecessary operations in the hot portion are removed, and compensation is added on transitions from hot to cold as needed. We evaluate HCO on a




Keywords: optimization, profile, NT, register allocation

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IEEE JNL IEEE Journal or Magazine
IEEE CNF IEEE Conference Proceeding
IEEE CNF IEEE Conference Proceeding
IEEE STD IEEE Standard

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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	652	717/168.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:13
L2	171	717/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:13
L3	316	717/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:13
L4	330	(I1 or I2 or I3) and compar\$5 and (client or target)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:14
L5	328	(I1 or I2 or I3) and compar\$5 and (client or target) and (portion or partial or fragment or only or limited or part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:16
L6	65	(I1 or I2 or I3) and compar\$5 and (client or target) and (determin\$5 near\$5 (portion or partial or fragment or only or limited or part))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 08:17
S1	378	717/173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 07:09
S2	494	717/168	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:56
S3	181	717/169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:57

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S4	5111	(patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:59
S5	74	(patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java and 717/??	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:59
S6	411	(patch\$3 or updat\$3) and (compar\$4) and resource and (merg\$3 or add\$3 or combin\$5) and java and 717/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:59
S7	11	(patch\$3 or updat\$3) and (compar\$4) and resource same (merg\$3 or add\$3 or combin\$5) same java and 717/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:37
S8	0	java adj code adj release	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:38
S9	46	maintain\$3 adj java	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:41
S10	0	java adj (code adj release)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:38
S11	52	"high water mark" and java	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:00
S12	1737	java and third-party	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:44
S13	126	java and (integrat\$3 near2 third-party)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:29

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S14	0	java and (granular near3 patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:47
S15	0	java and (grandular near3 patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 16:47
S16	3	java and (integrat\$3 near2 third-party) and (717/16? or 717/17?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:28
S17	124	java and (integrat\$3 near2 third-party) and (updat\$3 or install\$5 or patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:29
S18	5	java and (integrat\$3 near2 third-party) same (updat\$3 or install\$5 or patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:32
S19	553	java and (third-party) same (integrat\$3 or updat\$3 or install\$5 or patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:32
S20	253	S4 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:32
S21	17	("5193185" "5355474" "5414812" "5432925" "5588150" "5590321" "5612865" "5857197" "5915253" "5920870" "5970490" "6012067" "6018627" "6044403" "6122627" "6336118" "6397203").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 17:50
S22	0	java and ((resource adj file) same metadata same (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:03

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S23	9	java and ((resource adj file) and metadata and (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:06
S24	9	java and ((resource adj file) and metadata and (librar\$3 or dll)) and (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:07
S25	637	java and (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:09
S26	104	java and (generat\$3 or packag\$3 or build\$3) near2 (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 07:14
S27	15	("5155847" "5182806" "5204960" "5495610" "5519866" "5566335" "5581764" "5673387" "5699275" "5799189" "5893113" "5905896" "5909581" "5933647" "5960204"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 18:17
S28	13	java same (generat\$3 or packag\$3 or build\$3) near2 (patch\$3 or updat\$3 or upgrad\$3 or extensible or extendable) and (jar or (java adj archiv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 07:14
S29	2	java same (security near3 patch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:22
S30	77	(international and business).as. and (product adj release)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:06
S31	18	("4809170" "5479654" "5574906" "5649200" "5671398" "5729743" "5790856" "6006034" "6347407").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:07

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S32	18	("4809170" "5479654" "5574906" "5649200" "5671398" "5729743" "5790856" "6006034" "6349407").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:15
S33	13963	(jar or cab) and (updat\$3 or version\$3 or patch\$3 or delta\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:17
S34	1180	(jar or cab) same (updat\$3 or version\$3 or patch\$3 or delta\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:17
S35	19	(jar or cab) same (updat\$3 or version\$3 or patch\$3 or delta\$3) and sun.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 11:17
S36	2	("6535894").URPN.	USPAT	OR	OFF	2005/01/12 11:21
S37	13	(patch\$3 or updat\$3 or upgrad\$3) near3 (java or bytecode or "byte code") same (library or dll or libraries)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/16 18:47
S38	1	(patch\$3 or updat\$3 or upgrad\$3) near3 (java or bytecode or "byte code") same (library or dll or libraries) and (Patch\$3 near3 (library or dll or libraries))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/16 18:48
S39	131	(Patch\$3 near3 (library or dll or libraries))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/16 18:48
S40	34	(Patch\$3 near3 (library or dll or libraries)) and (java or bytecode or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/20 07:57
S41	1	jardiff	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/20 08:07

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S42	1	"6535894".pn. and resource	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/20 08:07
S43	287	717/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 16:50
S44	76	(metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 16:52
S45	39	(metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 17:24
S46	39	(metadata or "meta-data" or "meta data") near5 resource same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:17
S47	56	(metadata or "meta-data" or "meta data") near5 (resource or dll or library) same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:18
S48	26	(metadata or "meta-data" or "meta data") near5 (resource or dll or library) same (compar\$4 or differenc\$3 or outdat\$3 or need) and (patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:27
S49	2400	(metadata or "meta-data" or "meta data") and (patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:27
S50	17	(metadata or "meta-data" or "meta data") same (patch\$3 or fix\$3 or synchroniz\$5) same (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:34

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S51	0	coompar\$4 near5 (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:36
S52	0	coompar\$4 near5 (metadata or "meta-data" or "meta data") and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:35
S53	38	compar\$4 near5 (metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 08:23
S54	37	S53 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 07:37
S55	37	S53 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:06
S56	339	(metadata or "meta-data" or "meta data") and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:24
S57	26	(metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:25
S58	26	(metadata or "meta-data" or "meta data") same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code") not S53 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:33
S59	0	compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) same (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:34

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S60	129	compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource and (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 09:00
S61	1	compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5) near5 resource same (java or bytecode or "byte-code" or "byte code")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:35
S62	4	compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and granular near5 (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 09:01
S63	6	compar\$4 near5 (metadata or "meta-data" or "meta data" or summary or summariz\$5) and granular near5 (updat\$3 or patch\$3 or fix\$3 or synchroniz\$5 or servic\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 09:02
S64	1	"5862325".pn. and ((comparison or compare) near5 "version metadata") and (previous or curent) near3 update	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:08
S65	1	"5862325".pn. and ((comparison or compare) near5 metadata) and (previous or current) near3 update	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:11
S66	1	"5862325".pn. and ((comparison or compare) near5 metadata) and (previous or current) near3 update and resource	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:45
S67	0	comapr\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:17
S68	391	compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 10:53

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S69	15	compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) and granular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:18
S70	39	compar\$4 near5 (version near5 (metadata or "meta data" or "meta-data" or summarization or summary or identi\$4)) and java	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:18
S71	1	"5862325".pn. and (comparison or compare) near3 "version value"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 10:00
S72	0	"5862325".pn. and (comparison or compare) near3 "version value" and (version near5 (resource or library or libraries or dll))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 10:02
S73	0	"5862325".pn. and (comparison or compar\$3) near3 "version value" and (version near5 (resource or library or libraries or dll))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 10:02
S74	0	"5862325".pn. and (comparison or compar\$3) near3 "version value" and (version\$3 near5 (resource or library or libraries or dll))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:02
S75	1	"5862325".pn. and (comparison or compar\$3) near3 "version value" and version\$3 and (resource or library or libraries or dll)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:03
S76	14	(717/16?.ccls. or 717/17?.ccls.) and compar\$4 near5 (metadata or "meta data" or "meta-data")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 10:55
S77	2792	(java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near3 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:32

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S78	2243	(java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:33
S79	0	(java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and "resource unit"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:33
S80	1617	(java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:33
S81	857	(java or jar) and (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource and (library or libraries)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:34
S82	182	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) and resource and (library or libraries)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:34
S83	4	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (compar\$4 near2 (metadata or "meta-data" or "meta data" or descripti\$2 or information or meta or defining or schema) same (java or jar)) and resource and (library or libraries)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 17:38
S84	24	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (cookie or cookies) same (meta or metadata or "meta-data")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:45
S85	31	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and compar\$4 near3 (meta or metadata or "meta-data")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 18:01

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S86	1	"20020073080" and (updat\$3 or patch\$3 or upgrad\$3 or fix\$3 or version\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 18:02
S87	298	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (incremental\$2 or granular\$2) and (meta or metadata or "meta-data")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:46
S88	11	(java or jar) same (synchroniz\$5 or replicat\$3 or patch or fix or updat\$3) and (incremental\$2 or granular\$2) and (compar\$4 near5 (meta or metadata or "meta-data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 07:46
S89	2	"6535894".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 16:13
S90	6	("5835911" "6052531").PN. OR ("6535894").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/15 16:13
S91	2	"6460055".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 07:29
S92	1	"6460055".pn. and metadata	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 09:07
S93	2	"6535894".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 09:40
S94	0	synchroniz\$5 near3 (patch near3 (metadata or "meta-data" or "meta data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 09:41
S95	0	compar\$4 near3 (patch near3 (metadata or "meta-data" or "meta data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 09:42

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S96	2	differ\$6 near3 (patch near3 (metadata or "meta-data" or "meta data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:10
S97	0	compar\$4 near3 (patch near5 (metadata or "meta-data" or "meta data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:12
S98	0	compar\$4 near3 ((metadata or "meta-data" or "meta data") near7 patch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 10:13
S99	0	compar\$4 near3 ((metadata or "meta-data" or "meta data") same patch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 10:13
S10 0	5	compar\$4 near3 ((metadata or "meta-data" or "meta data") same (patch or updat\$3 or "service fix"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 10:16
S10 1	2	"6425126".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 10:17
S10 2	26	("4558413" "5349674" "5410703" "5758340" "5761504" "5793982" "5867714" "6067622" "6110228" "6135651" "6138274" "6202207" "6205579" "6256773").PN. OR ("6425126").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:20
S10 3	290	patch adj (library or libraries or repository or collection or database or file or table)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:21
S10 4	12	patch adj (library or libraries or repository or collection or database or file or table) and (metadata or "meta-data" or "meta data")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 10:22

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Half-Life : Files - Planet Half-Life

Half-Life 1.1.0.9 to 1.1.1.0 **Client** (11.7 MB) - Get this **patch** if you already ... Win32 Server: these **files** are **necessary** to host a Win32 Half-Life Server ...

www.planethalflife.com/half-life/files/ - 31k - [Cached](#) - [Similar pages](#)

N-003: Microsoft Cumulative **Patch** for SQL Server

Flaw in output **file** handling for scheduled jobs: The vulnerability could **only** be exploited ... It is **only necessary** to restart the SQL Services **Patch** can be ...

www.ciac.org/ciac/bulletins/n-003.shtml - 18k - [Cached](#) - [Similar pages](#)

ABC [Yet Another Bittorrent **Client**]

NOTE (**only necessary** in version 2.6.9 -- 3.0 and above store priority as an integer value ... Submit the **file** through the Sourceforge **Patch** Submission Page ...

pingpong-abc.sourceforge.net/download.php - 9k - [Cached](#) - [Similar pages](#)

Microsoft Office Assistance: Distributing Office 2000 **Client** ...

It is not **necessary** to update all **client** computers that depend on the administrative ... The Office 2000 **file** hash **patch** is available **only** for English and ...

office.microsoft.com/en-us/assistance/ha011525651033.aspx - 34k - [Cached](#) - [Similar pages](#)

Microsoft Office Assistance: Distributing Office XP **Client** Updates ...

It is not **necessary** to update all **client** computers that depend on the ... For example, the full-**file** version of a **patch** released after Office XP SP3 can be ...

office.microsoft.com/en-gb/assistance/HA011525711033.aspx - 37k - [Cached](#) - [Similar pages](#)

Technical Note: Installing PHP and the Oracle 10g Instant **Client** ...

Set **necessary** Oracle globalization language environment variables such as ...

If you are using PHP 4.3.9 or 4.3.10 you can save the **patch** to a **file**, ...

www.oracle.com/technology/pub/notes/technote_php_instant.html - 41k -

[Cached](#) - [Similar pages](#)

Technical Support at TheHelper

Diablo II LOD 1.11b **Patch** The latest Diablo II LOD **patch**. ... (292k) This is a small setup **file** which **only** downloads the **necessary files** in order to update ...

www.thehelper.net/download.php - 29k - [Cached](#) - [Similar pages](#)

This **patch** provides fixes to the NetBackup Windows 95/98 **client**.

Stop all NetBackup Services on the Windows 95/98 **client** for the **patch** installation. setup.exe will install the **necessary files** into their correct locations. ...

support.veritas.com/docs/232145 - 27k - [Cached](#) - [Similar pages](#)

mldonkey, a multi-networks **file-sharing client** - Patches: **patch** ...

patch mldonkey, a multi-networks **file-sharing client** - Patches: **patch** #4536, ... but **only** those with read permission to the config **file** can use it. ...

savannah.nongnu.org/patch/?func=detailitem&item_id=4536 - 24k -

[Cached](#) - [Similar pages](#)

BitTorrent FAQ and Guide

To integrate the **client** with your web browser, it will be **necessary** to associate **files** of type "application/x-bittorrent" with the BitTorrent **client**. ...

www.dessent.net/btfaq/ - 111k - [Cached](#) - [Similar pages](#)

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